

SOLUTION BRIEF

Cribl Stream™ for GDPR Compliance

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THE CHALLENGE

GDPR fines can be massive, and changing international agreements means companies must stay vigilant in how they share and transfer data.



THE SOLUTION

Cribl Stream allows companies to enrich and route data, ensuring it doesn't run afoul of evolving privacy requirements.



THE BENEFITS

- Enrich data with geographic information for simplified data handling within and between jurisdictions.
- Encrypt and mask data in real-time.
- Flexibly route data to multiple locations, and modify routing in response to changing regulations.

Managing GDPR Risks via the Path of Least Resistance

Since 2018, any company with customers in the EU is required to follow [GDPR](#), the most stringent consumer protection to date. Fines for GDPR violations have the potential to cripple your business — for severe infractions, they can be up to \$20M or 4% of annual turnover, whichever is greater. In addition to the financial risks, there are also reputational risks to consider. What's more, the laws are always evolving – with Schrems II and, on March 25, 2022, an [agreement-in-principle](#) between the EU and the US. While GDPR doesn't reach beyond the borders of the EU, as the standard bearer for consumer protection, many countries are writing their privacy laws based on these regulations.

Striking the right balance between staying compliant, keeping consumer data safe, and still getting business value from that data has never been more difficult. Cribl Stream, the leading observability pipeline, gives companies control over how data is collected, routed, filtered, redacted before it lands in multiple destinations. With Cribl Stream, you can securely store raw data and easily share depersonalized copies with relevant parts of your organization, maximizing data value without incurring risk with GDPR. Properly handling security and observability data up front not only lowers security risk, but it also improves efficiency, and can even increase business value. Cribl Stream supports multiple facets of data governance for all types of data, making security and compliance effortless.

ENCRYPTION AT INGEST-TIME

With Cribl Stream, you can encrypt your sensitive data in real time before it's forwarded to and stored at a destination. Using the out-of-the-box Mask function, you can define patterns to encrypt with specific key IDs or key classes.

REDUCE POTENTIAL LIABILITY WITH DATA MASKING AND FILTERING

Use Cribl Stream to engage your data governance team and determine which data streams are GDPR in scope. Depersonalize copies of events that will be shared with IT and operations teams and keep full-fidelity copies in a low-cost destination. Easily replay events in order to reduce audit costs and time spent demonstrating compliance.

REDACT PERSONALLY IDENTIFIABLE INFORMATION (PII) FROM DATA IN FLIGHT

Use Cribl Stream's out-of-the-box Mask function to mask or obfuscate data in motion. Put simply, organizations can store unredacted copies of data for their security team and then encrypt sensitive data in real time before it is forwarded to and stored at a destination, ensuring anonymity for every data type.

SECURE DATA ROUTING FOR COMPLIANCE WITH SCHREMS II DECISION

Stay compliant with additional requirements like Schrems II, which require some consumer data to be stored in the EU. Keep raw copies of data in the EU and have the flexibility to route depersonalized copies to your enterprise data lake no matter where it's located.

MANAGE GDPR RETENTION REQUIREMENTS

Send data to the most secure destinations, including low-cost storage locations like S3 for long-term retention, instead of paying for expensive storage in your data analytics platform. Route data to the best tool for the job – or all the tools for the job – by translating and formatting data into any tooling schema you require. Use Cribl Stream to reduce as much as 50% of ingested log volume and improve system performance.

Summary

GDPR, along with the increasing amount of similar legislation from around the world, is an important consideration for any multinational company and any enterprise doing business in the EU. Cribl Stream is a user-friendly platform that helps maintain flexibility and control of your data as laws evolve and more decisions like Schrems II come into play. Compromising your operations or security posture and not getting the full value of your data will no longer count among your concerns. Cribl Stream not only gives you the tools you need now but also gives you options for the future.

ABOUT CRIBL

Cribl makes open observability a reality for today's tech professionals. The Cribl product suite defies data gravity with radical levels of choice and control. Wherever the data comes from, wherever it needs to go, Cribl delivers the freedom and flexibility to make choices, not compromises. It's enterprise software that doesn't suck, enables tech professionals to do what they need to do, and gives them the ability to say "Yes." With Cribl, companies have the power to control their data, get more out of existing investments, and shape the observability future. Founded in 2017, Cribl is a remote-first company with an office in San Francisco, CA. For more information, visit www.cribl.io or our [LinkedIn](#), [Twitter](#), or [Slack](#) community.